

## RECEIVED

APR 2 9 2003

TC 1700

Atty. Dkt. No. 023533-0102

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Cesar COMPADRE et al.

Title:

METHOD FOR THE BROAD SPECTRUM PREVENTION AND

REMOVAL OF MICROBIAL CONTAMINATION OF FOOD PRODUCTS BY QUATERNARY AMMONIUM COMPOUNDS

Patent. No.:

6,039,992

Issue Date:

March 21, 2000

Examiner:

Peter Chin

Art Unit:

1731

REQUEST FOR EXPEDITED ISSUANCE CERTIFICATE OF CORRECTION EO
PTO MISTAKE PURSUANT TO 37 C.F.R. § 1.322(a)

Commissioner for Patents Washington, D.C. 20231

Sir:

Enclosed, in duplicate, is a Certificate of Correction, Form PTO/SB/44, for United States Patent Number 6,039, 992 issued March 21, 2000. The following Patent Office printing errors appear in the issued patent:

#### IN THE SPECIFICATION:

The exact column and line number where the errors in the issued patent are shown:

Column 7, line 11, please delete the following formula:

 $CH_3$  —  $(CH_2)_n$   $\stackrel{R}{\longrightarrow} H$  R X-

Certificate

JUN 2 5 2003

of Correction

97/16/6000 | 1807000 | 180700 | 180701 | 180701 | 180701 | 180701

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Column 7, line 25, please delete the following formula:

$$CH_3$$
 —  $(CH_2)_n$  —  $(CH_2)_z$   $R$   $X$ -

and insert therefor:

$$CH_3$$
 —  $(CH_2)_n$   $\xrightarrow{+}$   $N$   $(CH_2)_z$   $X$ -

#### IN THE CLAIMS:

In claim 1, column 19, line 46, please delete the following formula:

ý

$$CH_3$$
 —  $(CH_2)_n$  —  $^+H$   $X^-$ 

$$CH_3$$
— $(CH_2)_n$ — $^+N$ 
 $X^-$ 

In claim 1, column 19, line 56, please delete the following formula:

$$CH_3$$
  $\longrightarrow$   $(CH_2)_n$   $\xrightarrow{+}_{H}$   $\xrightarrow{-}_{R}$   $X$ 

and insert therefor:

$$CH_3 \longrightarrow (CH_2)_n \longrightarrow N \longrightarrow R$$

$$R$$

$$R$$

$$R$$

$$X$$

In claim 1, column 20, line 3, please delete the following formula:

$$CH_3$$
  $---(CH_2)_n$   $+H$   $(CH_2)_n$   $R$   $X$ -

$$CH_3$$
  $---(CH_2)_n$   $---+N$   $(CH_2)_z$   $X$ -

In claim 12, column 20, line 56, please delete the following formula:

$$CH_3$$
— $(CH_2)_n$ — $^+H$ 
 $X^-$ 

and insert therefor:

$$CH_3$$
— $(CH_2)_n$ — $^+N$ 
 $X^-$ 

In claim 12, column 21, line 3, please delete the following formula:

$$CH_3$$
  $\longrightarrow$   $(CH_2)_n$   $\longrightarrow$   $\stackrel{R}{\longrightarrow}$   $R$   $X$ -

In claim 12, column 21, line 14, please delete the following formula:

$$CH_3$$
  $CH_2)_n$   $H$   $(CH_2)_z$   $X$ -

and insert therefor:

$$CH_3$$
— $(CH_2)_n$ — $^{\dagger}N$ 
 $(CH_2)_z$ 
 $X$ -

In claim 25, column 22, line 17, please delete the following formula:

$$CH_3$$
— $(CH_2)_n$ — $^+H$ 
 $X^-$ 

$$CH_3$$
  $\longrightarrow$   $(CH_2)_n$   $\longrightarrow$   $X^-$ 

In claim 25, column 22, line 31, please delete the following formula:

$$CH_3$$
  $\longrightarrow$   $(CH_2)_n$   $\longrightarrow$   $+H$   $\longrightarrow$   $R$   $X$ 

and insert therefor:

$$CH_3$$
  $\longrightarrow$   $(CH_2)_n$   $\longrightarrow$   $N$   $\longrightarrow$   $R$   $X$ 

In claim 25, column 22, line 43, please delete the following formula:

$$CH_3$$
  $(CH_2)_n$   $+H$   $(CH_2)_z$   $X$ -

$$CH_3$$
 —  $(CH_2)_n$   $+$   $(CH_2)_z$   $R$   $X$ -

eme W. Duleatt

Enclosed, in support of Applicants' assertion that this Certificate of Correction should be issued expeditiously, are copies of the original specification showing that the correct structures were shown in the specification as filed, and a copy of the amendment filed June 23, 1999 showing the correct structures in the claims. Also attached is U.S. Patent No. 5,855,940, the parent application, which correctly printed the above chemical structures.

Applicants submit that the above changes would not constitute new matter, and correction thereof would not require reexamination. Pursuant to 37 C.F.R. §1.322, Applicants request that the enclosed Certificate of Correction be approved.

Although Applicants believe that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 19-0741.

Respectfully submitted,

Jayme A. Huleatt

Attorney for Applicants Registration No. 34,485

FOLEY & LARDNER

Customer Number: 22428

Date Upril 24, 2003

22428

PATENT TRADEMARK OFFICE

Telephone:

(202) 672-5554

Facsimile:

(202) 672-5399

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PTO/SB/44 (02-01) Approved for use through 01/31/2004. OMB 0651-0033

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# UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO

6,039,992

DATED

03/21/2000

INVENTOR(S)

esta(

Cesar COMPADRE; Philip BREEN; Hamid SALARI; E. Kint PIFER; Danny L.

LATTIN; Michael SLAVIK: Yanbin LI: Timothy O'BRIEN

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

#### IN THE SPECIFICATION:

The exact column and line number where the errors fir the issued patent are shown:

Column 7, line 11, please delete the following formula:

and insert therefor:

$$CH_3$$
  $\longrightarrow$   $(CH_2)_n$   $\longrightarrow$   $N$   $\longrightarrow$   $R$   $X$ 

the

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PATENT NO. 6,039,992

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Column 7, line 25, please delete the following formula:

$$CH_3$$
 —  $(CH_2)_n$   $\stackrel{+}{\longrightarrow} H$   $(CH_2)_z$   $R$   $X$ -

and insert therefor:

$$CH_3$$
 —  $(CH_2)_n$   $+N$   $(CH_2)_z$   $R$   $X$ -

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#### IN THE CLAIMS:

 $m{l}$  column 19, line 46, please delete the following formula:

$$CH_3$$
 —  $(CH_2)_n$  —  $^+H$   $X^-$ 

and insert therefor:

$$CH_3$$
— $(CH_2)_n$ — $^+N$ 

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In claim 1, column 19, line 56, please delete the following formula:

$$CH_3$$
 —  $(CH_2)_n$   $\stackrel{\stackrel{}{-}}{-} H$   $\stackrel{\stackrel{}{-}}{-} R$   $\stackrel{\stackrel{}{-}}{-} R$   $\stackrel{\stackrel{}{-}}{-} R$ 

and insert therefor:

$$CH_3$$
  $\longrightarrow$   $(CH_2)_n$   $\longrightarrow$   $N$   $\longrightarrow$   $R$   $X$ 

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

column 20, line 3, please delete the following formula:

$$CH_3$$
 —  $(CH_2)_n$  —  $(CH_2)_z$   $(CH_2)_z$ 

and insert therefor:

$$CH_3$$
 —  $(CH_2)_n$   $+$   $N$   $(CH_2)_z$   $X$ -

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(Also Form PTO-1050)

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$$CH_3$$
— $(CH_2)_n$ — $^+H$ 
 $X^-$ 

and insert therefor:

$$CH_3$$
— $(CH_2)_n$ — $^+N$ 
 $X^-$ 

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In claim 12 column 21, line 3, please delete the following formula:

$$CH_3$$
  $\longrightarrow$   $(CH_2)_n$   $\longrightarrow$   $+H$   $\longrightarrow$   $R$   $X$ 

and insert therefor:

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

column 21, line 14, please delete the following formula:

$$CH_3$$
— $(CH_2)_n$ — $^{\dagger}H$ 
 $(CH_2)_z$ 
 $R$ 
 $X$ -

and insert therefor:

$$CH_3$$
  $(CH_2)_n$   $(CH_2)_z$   $(CH_2)_z$ 

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LATTIN; Michael SLAVIK; Yanbin LI; Timothy O'BRIEN

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

column 22, line 17, please delete the following formula:

$$CH_3$$
— $(CH_2)_n$ — $^+H$ 
 $X^-$ 

and insert therefor:

$$CH_3$$
 —  $(CH_2)_n$   $\xrightarrow{+}_N$   $X^-$ 

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LATTIN; Michael SLAVIK; Yanbin LI; Timothy O'BRIEN

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In-elaim 25 column 22, line 31, please delete the following formula:

$$CH_3$$
  $\longrightarrow$   $(CH_2)_n$   $\longrightarrow$   $H$   $\longrightarrow$   $R$   $X$ 

and insert therefor:

$$CH_3$$
— $(CH_2)_n$ — $+N$ — $R$ 
 $R$ 
 $R$ 
 $X$ -

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PATENT NO. 6,039,992

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

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DATED

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INVENTOR(S) :

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LATTIN; Michael SLAVIK; Yanbin LI; Timothy O'BRIEN

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In-claim 254 column 22, line 43, please delete the following formula:

$$CH_3$$
 —  $(CH_2)_n$  —  $^{\dagger}H$   $(CH_2)_z$   $X$ -

and insert therefor:

$$CH_3$$
 —  $(CH_2)_n$   $\stackrel{+}{N}$   $(CH_2)_z$   $X$ -

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PATENT NO. 6,039,992

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## UNITED STATES PATENT AND TRADEMARK OFFICE

## **CERTIFICATE OF CORRECTION**

PATENT NO. : 6,039,992

Page 1 of 3

DATED

: March 21, 2000

INVENTOR(S) : Cesar Compadre et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

and insert therefor:

#### Column 7,

Line 11, please delete the following formula:

 $CH_3 \xrightarrow{\qquad} (CH_2)_n \xrightarrow{\qquad} \begin{matrix} R \\ \\ \\ \\ \\ R \end{matrix} X$ 

$$CH_3$$
  $\longrightarrow$   $(CH_2)_n$   $\longrightarrow$   $N$   $\longrightarrow$   $R$   $X$ 

Line 25, please delete the following formula:

and insert therefor:

and insert therefor:

and insert therefor:

$$CH_3$$
 —  $(CH_2)_n$   $\overset{+}{\underset{R}{\longrightarrow}} H$   $(CH_2)_z$ 

$$CH_3$$
 —  $(CH_2)_n$   $\uparrow$   $(CH_2)_z$   $R$   $X$ -

#### Column 19,

Line 46, please delete the following formula:

CH<sub>3</sub> —(CH<sub>2</sub>)<sub>n</sub>—+H

$$CH_3$$
— $(CH_2)_n$ — $\uparrow_N$ 
 $X^-$ 

Line 56, please delete the following formula:

$$CH_3$$
 —  $(CH_2)_n$   $\overset{R}{\longrightarrow} \overset{R}{\longrightarrow} \overset{R}{\longrightarrow}$ 

#### Column 20,

Line 3, please delete the following formula:

and insert therefor:

$$CH_3$$
— $(CH_2)_n$ — $^{\dagger}H$ — $(CH_2)_z$ 
 $R$ — $X$ -

$$CH_3$$
 —  $(CH_2)_n$   $\uparrow_N$   $(CH_2)_z$   $R$   $X$ -

## UNITED STATES PATENT AND TRADEMARK OFFICE

## **CERTIFICATE OF CORRECTION**

PATENT NO. : 6,039,992 Page 2 of 3

**DATED** 

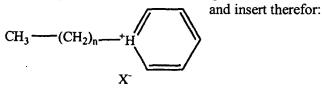
: March 21, 2000

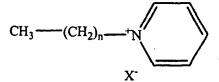
INVENTOR(S) : Cesar Compadre et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

#### Column 20 cont'd,

Line 56, please delete the following formula:





#### Column 21,

Line 3, please delete the following formula:

and insert therefor:

$$CH_3$$
— $(CH_2)_n$ — $N$ — $R$ 
 $R$ 
 $R$ 
 $X$ -

Line 14, please delete the following formula:

and insert therefor:

#### Column 22,

Line 17, please delete the following formula: and insert therefor:

Line 31, please delete the following formula:

and insert therefor:

$$CH_3$$
— $(CH_2)_n$ — $^{\dagger}H$ — $R$ 
 $\downarrow$ 
 $R$ 
 $X$ 

$$CH_3$$
— $(CH_2)_n$ — $N$ — $R$ 
 $R$ 
 $R$ 
 $X$ -